

1076.41311X00 SLG/40576US1 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Stefan JANSEN

Serial No.:

10/084,981

Filed:

March 1, 2002

For:

MULTIPLAYER PCB ANTENNA

Group:

2821 ~

Examiner:

Michael C. Wimer

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97 AND §1.98

Commissioner for Patents P.O. Box 145 Alexandria, VA 22313-1450 December 23, 2003

Sir:

In the matter of the above-identified application, Applicant is submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form PTO/SB/08A Form for the Examiner's consideration.

This Information Disclosure Statement is being submitted before the mailing date of either a final action or a notice of allowance.

On information and belief, I hereby certify that each item of information

contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Each of the documents listed on the attached PTO/SB/08A is in the English language.

The requirement of 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (1076.41311X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

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Attachments

DES:dlh

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1076.41311X00

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO **Application Number** 10/084,981 INFORMATION DISCLOSURE Filing Date March 1, 2002 Stefan JANSEN First Named Inventor STATEMENT BY APPLICANT Art Unit 2821 Examiner Name Michael C.Wimer (use as many sheets as necessary)

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Attorney Docket Number

U.S. PATENT DOCUMENTS					
Examiner Initials'	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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		FOREIGI	N PATENT DOC	UMENTS		
Examiner Initials'	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	8-14-1996	Murata Mfg. Co., Ltd.		
		EP 0 762 539	6-14-1990			
	:	EP 0 986 130 A2	3-15-2000	Siemens Aktiengesellschaft		
		EP 0 547 563 A1	6-23-1993	Siemens		
		EP 0 757 405 A	02-05-1997	Nokia Mobile Phones, Ltd.		
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Examiner	Date
Signature	Considered

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known Substitute for form 1449B/PTO 10/084,981 **Application Number** INFORMATION DISCLOSURE March 1, 2002 Filing Date STATEMENT BY APPLICANT First Named Inventor Stefan JANSEN Group Art Unit 2821 Michael C. Wimer Examiner Name (use as many sheets as necessary) Attorney Docket Number 1076.41311X00 2 of

Examiner	Cite	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T <sup>2</sup>
Initials*	No. <sup>1</sup>	Soras C. et al: "Analysis and Design of an 8 Inverted-F Antenna Printed on a PCMCIA Card for the 2.4	
		GHz ISM Band", IEEE Antennas and Propatation Magazine, IEEE Inc., New York, US, Vol. 44, No. 1, February 2002 (2002-02), pgs. 37-44, XP001101586 ISSN: 1045-9243	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.